

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09031

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/86 C07K14/18 C12N7/04 A61K39/12 C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A61K C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 035 205 A (STICHTING DIENST LANDBOUWKUNDI) 13 September 2000 (2000-09-13)	1-3, 6, 8, 9, 12
Y	page 3, paragraph 16; examples 1-3	4, 5, 7, 10, 11
Y	--- WIDJOJOATMODJO M N ET AL: "Classical swine fever virus Erns deletion mutants: Trans-complementation and potential use as nontransmissible, modified, live-attenuated marker vaccines." JOURNAL OF VIROLOGY, vol. 74, no. 7, April 2000 (2000-04), pages 2973-2980, XP002227585 ISSN: 0022-538X cited in the application page 2979, column 2 ---	4, 5, 7, 10, 11
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

12 November 2003

Date of mailing of the international search report

27/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Brouns, G

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09031

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 149 901 A (AKZO NOBEL NV) 31 October 2001 (2001-10-31) examples 1-3 ---	1,8,9,12
A	WO 01 39801 A (BOEHRINGER INGELHEIM VETMED ;ELBERS KNUT (DE); MEYERS GREGOR (DE)) 7 June 2001 (2001-06-07) examples 1,2 -----	1,8,9,12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09031

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1035205	A	13-09-2000	EP 1035205 A1	13-09-2000
			AU 3198300 A	28-09-2000
			CA 2366056 A1	14-09-2000
			EP 1161537 A1	12-12-2001
			WO 0053766 A1	14-09-2000
			US 2002106641 A1	08-08-2002
EP 1149901	A	31-10-2001	EP 1149901 A1	31-10-2001
			BR 0101523 A	20-11-2001
			CA 2342305 A1	21-10-2001
			JP 2002325575 A	12-11-2002
			US 2002086033 A1	04-07-2002
WO 0139801	A	07-06-2001	EP 1104676 A1	06-06-2001
			AU 2509101 A	12-06-2001
			CA 2388678 A1	07-06-2001
			WO 0139801 A2	07-06-2001
			EP 1237572 A2	11-09-2002
			NZ 519786 A	31-10-2003
			US 6610305 B1	26-08-2003